

# Water Quality Characteristics by Water Quality Zone

## October 2001

Water Quality Parameter	WQZ	Mean	Median	Standard Deviation	Minimum	Maximum	Count	Coefficient of Variation
<b>Hardness ppm</b>	1	159	159	79.9	102	215	2	50%
	2	110	111	10.4	96	127	12	10%
	3	120	106	34.3	86	178	12	29%
	4	88	89	7.2	75	98	8	8%
	5	98	98	9.4	80	115	10	10%
	6	103	102	4.3	97	109	6	4%
	7	102	105	12.7	85	125	9	12%
	8	132	140	22.4	92	157	6	17%
	9	119	81	64.3	72	204	6	54%
	10	79	80	1.2	78	80	3	1%
	System Wide	109	102	29.7	72	215	74	27%
<b>TDS ppm</b>	1	370	391	90.2	182	489	10	24%
	2	276	278	14.6	253	298	27	5%
	3	332	302	102.9	200	569	34	31%
	4	228	213	30.3	184	295	25	13%
	5	239	246	25.0	164	279	36	10%
	6	241	243	15.9	205	260	28	7%
	7	213	214	22.6	173	255	29	11%
	8	301	303	51.8	225	435	21	17%
	9	300	299	77.3	212	401	23	26%
	10	220	221	5.7	212	233	13	3%
	System Wide	267	251	69.4	164	569	246	26%
<b>Sodium ppm</b>	1	49	49	0.7	48	49	2	1%
	2	46	46	1.7	44	48	12	4%
	3	49	48	10.0	27	62	12	20%
	4	37	35	7.5	29	47	8	20%
	5	38	40	5.5	29	45	10	14%
	6	36	36	7.3	24	43	6	20%
	7	29	28	5.0	23	37	9	17%
	8	43	43	1.6	42	46	6	4%
	9	52	44	21.0	39	94	6	41%
	10	43	43	1.0	42	44	3	2%
	System Wide	42	43	10.4	23	94	74	25%

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<i>pH units</i>	1	7.7	7.6	0.17	7.5	8.0	10	2%
	2	8.1	8.1	0.07	7.9	8.2	27	1%
	3	7.9	7.9	0.18	7.5	8.4	34	2%
	4	8.0	8.0	0.14	7.7	8.3	25	2%
	5	7.8	7.9	0.31	7.1	8.2	36	4%
	6	7.9	8.0	0.29	6.9	8.3	28	4%
	7	7.8	7.9	0.13	7.6	8.2	29	2%
	8	7.8	7.8	0.15	7.4	8.0	21	2%
	9	7.9	7.9	0.19	7.5	8.2	23	2%
	10	8.0	8.0	0.07	7.9	8.2	13	1%
	System Wide	7.9	7.9	0.22	6.9	8.4	246	3%
<i>Chlorine ppm</i>	1	0.8	0.8	0.13	0.7	1.1	10	16%
	2	1.0	1.0	0.12	0.8	1.2	27	13%
	3	0.9	0.9	0.18	0.5	1.4	34	21%
	4	0.9	1.0	0.18	0.5	1.1	25	20%
	5	0.9	1.0	0.17	0.5	1.2	39	19%
	6	0.9	0.9	0.14	0.6	1.2	28	16%
	7	0.8	0.8	0.09	0.5	1.0	29	11%
	8	0.8	0.9	0.15	0.4	1.0	24	17%
	9	0.9	0.9	0.09	0.7	1.1	23	10%
	10	0.9	0.9	0.09	0.8	1.1	13	10%
	System Wide	0.9	0.9	0.15	0.4	1.4	252	17%
<i>Temperature deg C</i>	1	27.1	27.0	1.54	25.0	29.3	10	6%
	2	29.4	29.4	0.84	27.5	30.8	27	3%
	3	28.9	28.8	1.47	25.2	32.2	34	5%
	4	29.3	29.8	1.48	26.2	31.3	25	5%
	5	28.6	28.7	1.88	23.8	31.3	36	7%
	6	28.5	28.7	1.70	24.6	32.2	28	6%
	7	28.2	28.0	0.95	26.7	30.5	29	3%
	8	29.3	29.6	1.05	27.0	30.8	21	4%
	9	29.8	29.8	1.41	27.5	33.1	23	5%
	10	29.7	30.0	1.64	24.9	31.3	13	6%
	System Wide	28.9	29.1	1.54	23.8	33.1	246	5%